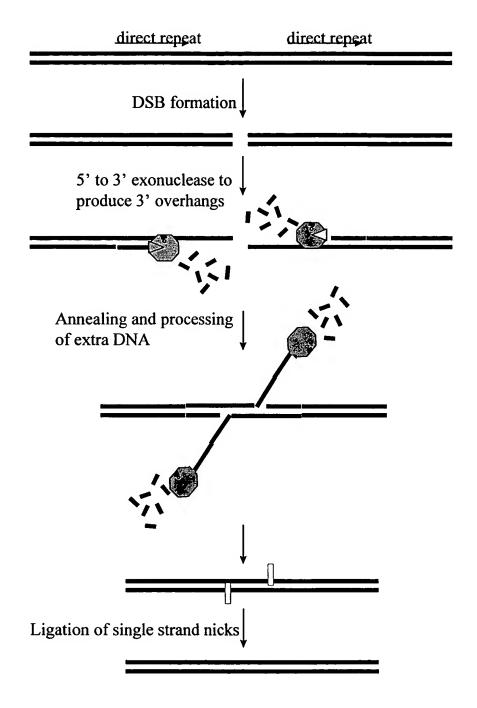


Figure 3. Single strand annealing model



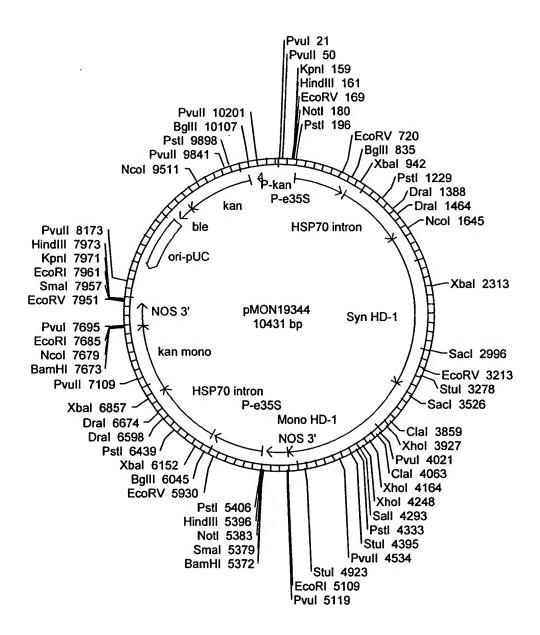
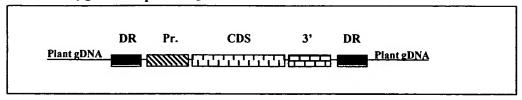


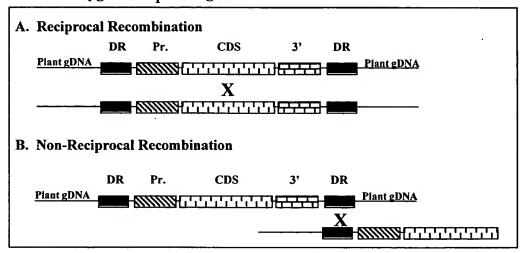
Figure 4.

<u>Direct Repeat Induced, Non-Reciprocal</u> <u>Recombination-Mediated Transgene Deletion</u>

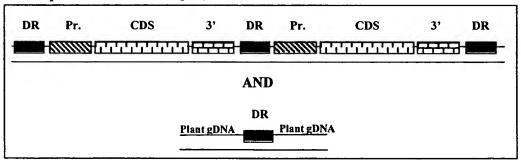
I. Hemizygous R 1 Transgenic Plant



II. Homozygous S 1 Transgenic Plant at Meiosis



III. F. Recombinant Progeny Plants



In the graphic illustration:

Plant gDNA = plant genomic DNA flanking the site of transgene integration
DR = Direct Repeat
Pr. = "Promoter"
CDS = coding sequence
3' = transcription terminator

Figure 5.

Figure 6

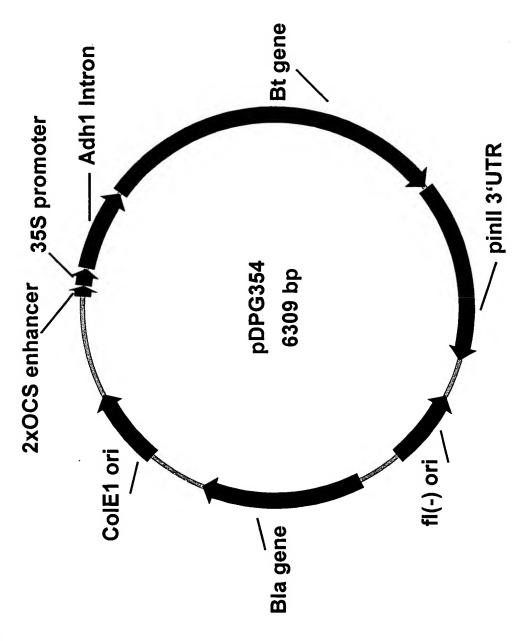


Figure 7

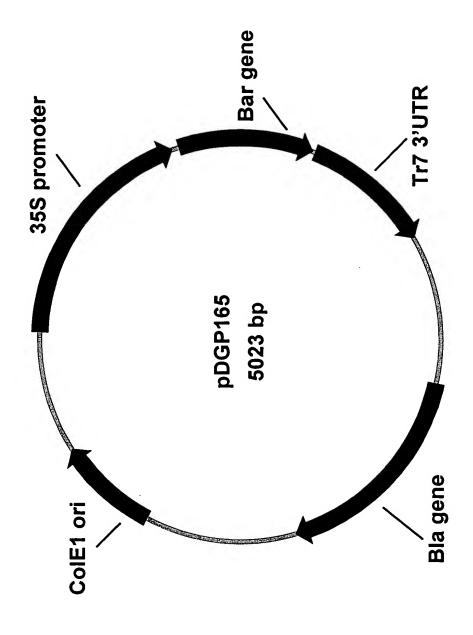
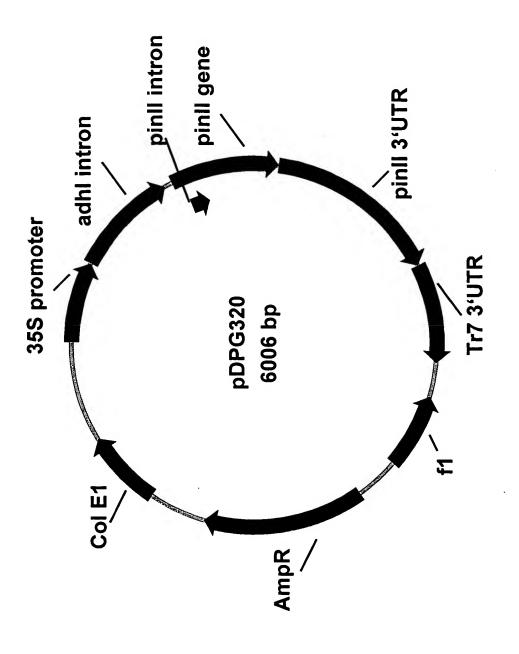


Figure 8



DBT418 Transgene Insertion

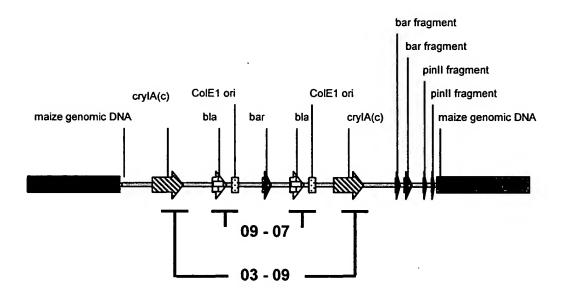
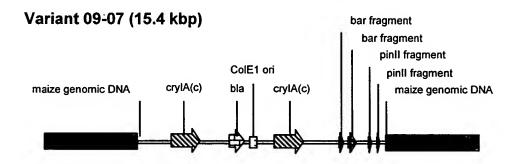


Figure 9.

DBT418 Altered Transgene Insertions



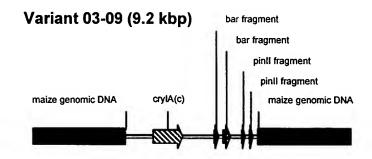
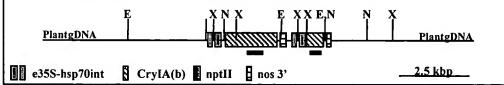


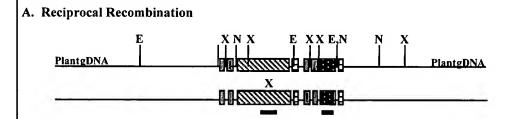
Figure 10.

Non-Reciprocal Recombination-Mediated Transgene Deletion in MON849

I. Hemizygous BC_n Transgenic Plant



II. Homozygous S₁ Transgenic Plant at Meiosis



B. Non-Reciprocal Recombination

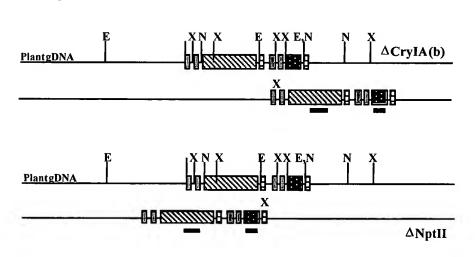
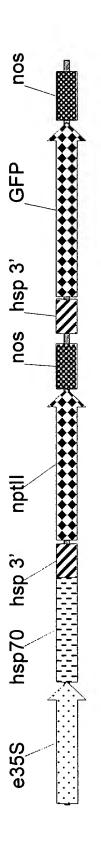


Figure 11.



pMON36133

Figure 12.

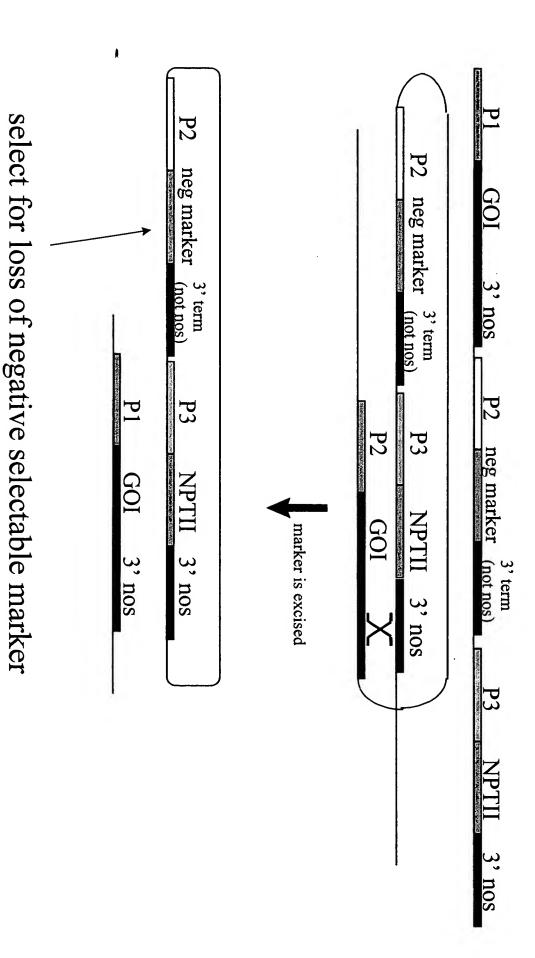


Figure 13